

| Model      | Length (L) | Width (W) | Height (H) | Weight  |
|------------|------------|-----------|------------|---------|
| VT-6L-KFS  | 45.7"      | 4.7"      | 4.3"       | 4 lbs.  |
| VT-14L-KFS | 50"        | 10"       | 4.1"       | 13 lbs. |
| VT-20L-KFS | 50"        | 10"       | 4.1"       | 14 lbs. |



| MODEL     | MAXIMUM LUMEN OUTPUT |               | COLOR TEMPERATURE |       |
|-----------|----------------------|---------------|-------------------|-------|
|           |                      |               |                   |       |
| 05-VT-KFS | 6L                   | 6,000 Lumens  | KFS*              | 3500K |
|           | 14L                  | 14,000 Lumens |                   | 4000K |
|           | 20L                  | 20,000 Lumens |                   | 5000K |
|           |                      |               | *Field Selectable |       |

## FEATURES

- Field selectable color temperatures include 3500k, 4000k and 5000k.
- Long-life LEDs provide 137,000 hours of operation with at least 70% of initial lumen output ( $L_{70}$ ), and 42,000 hours with at least 90% of initial lumen output ( $L_{90}$ ).
- LED chromaticity based on < 5-step ANSI quadrangles.
- LED color maintenance < 0.002 chromaticity shift ( $\Delta u'v'$ ) over the initial 6,000 hours of operation.
- Provides 6,000, 14,000, or 20,000 nominal lumens using 42, 100, or 150 nominal watts.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- 0-10vdc dimming drivers are standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Polycarbonate housing and frosted lenses are standard.
- Easy installation in new construction or retrofit.

\* Contact factory for other color temperatures and lumen packages.

\*\* $L_{70}$  &  $L_{90}$  hours are IES TM-2 1-11 calculated hours.

## WARRANTY/LISTING

- cETLus listed for damp locations in ambient temperatures from -20°C to 50°C (-4°F to 122°F).
- IP67 rated for ingress protection.
- IK10 rated for impact.
- ETL sanitation listed for non-splash food zone to comply with NSF ANSI 2 standard.
- NEMA 4X.
- Complies with FCC Part 15, class A.
- Complies with IEC/EN61000-4-5, input transient protection (1.0kV).
- Surge protection = 1.0kV.
- 5-year warranty of all electronics and housing.

## ELECTRICAL DATA

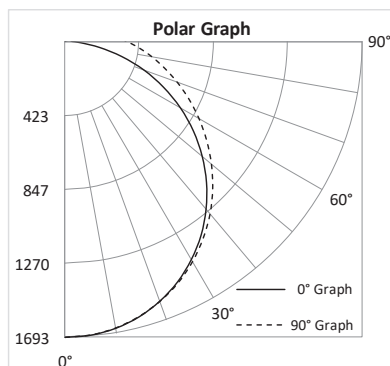
| Series | Measurements      | VT-6L        |              |              | VT-14L       |              |              | VT-16L       |              |              |
|--------|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|        |                   | 3500K        | 4000K        | 5000K        | 3500K        | 4000K        | 5000K        | 3500K        | 4000K        | 5000K        |
| VT-KFS | Lumens            | 5965         | 6256         | 6105         | 13,673       | 14,327       | 13,956       | 20,380       | 21,447       | 20,590       |
|        | Watts             | 44           | 42           | 44           | 99           | 93           | 99           | 150          | 141          | 150          |
|        | Efficacy          | 136          | 148          | 138          | 137          | 156          | 141          | 136          | 152          | 137          |
|        | Input Current (A) | 120V = 0.37A | 120V = 0.35A | 120V = 0.37A | 120V = 0.83A | 120V = 0.78A | 120V = 0.83A | 120V = 1.25A | 120V = 1.18A | 120V = 1.25A |
|        |                   | 240V = 0.18A | 240V = 0.18A | 240V = 0.18A | 240V = 0.41A | 240V = 0.39A | 240V = 0.41A | 240V = 0.63A | 240V = 0.59A | 240V = 0.63A |
|        |                   | 277V = 0.16A | 277V = 0.15A | 277V = 0.16A | 277V = 0.36A | 277V = 0.34A | 277V = 0.36A | 277V = 0.54A | 277V = 0.51A | 277V = 0.54A |

## PHOTOMETRIC DATA

### VT-6L-KFS

#### Luminaire Data

|                                |                                |
|--------------------------------|--------------------------------|
| Description                    | 4' Vapor Tight<br>6L 35K - KFS |
| Total Lumens                   | 5,965                          |
| Input Wattage                  | 44                             |
| Efficacy (lm/W)                | 136                            |
| Spacing Criterion<br>(0-180°)  | 1.28                           |
| Spacing Criterion<br>(90-270°) | 1.28                           |



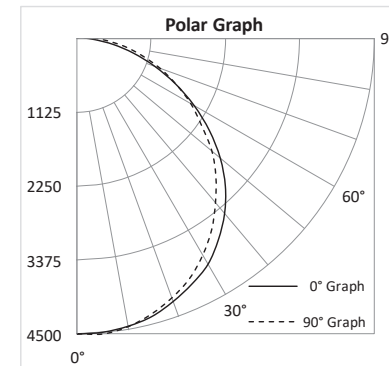
#### Zonal Lumen Summary

| Zone    | Lumens | %Fixt  |
|---------|--------|--------|
| 0-20°   | 621    | 10.4%  |
| 0-30°   | 1,323  | 22.2%  |
| 0-40°   | 2,180  | 36.5%  |
| 20-50°  | 2,468  | 41.4%  |
| 40-70°  | 2,476  | 41.5%  |
| 0-60°   | 3,942  | 66.1%  |
| 0-80°   | 5,183  | 86.9%  |
| 0-90°   | 5,526  | 92.6%  |
| 90-180° | 439    | 7.4%   |
| 0-180°  | 5,965  | 100.0% |

### VT-14L-KFS

#### Luminaire Data

|                                |                                 |
|--------------------------------|---------------------------------|
| Description                    | 4' Vapor Tight<br>14L 35K - KFS |
| Total Lumens                   | 13,673                          |
| Input Wattage                  | 100                             |
| Efficacy (lm/W)                | 137                             |
| Spacing Criterion<br>(0-180°)  | 1.32                            |
| Spacing Criterion<br>(90-270°) | 1.26                            |



#### Zonal Lumen Summary

| Zone    | Lumens | %Fixt  |
|---------|--------|--------|
| 0-20°   | 1,653  | 12.1%  |
| 0-30°   | 3,534  | 25.8%  |
| 0-40°   | 5,815  | 42.5%  |
| 20-50°  | 6,529  | 47.8%  |
| 40-70°  | 6,136  | 44.9%  |
| 0-60°   | 10,316 | 75.4%  |
| 0-80°   | 12,962 | 94.8%  |
| 0-90°   | 13,392 | 97.9%  |
| 90-180° | 281    | 2.1%   |
| 0-180°  | 13,673 | 100.0% |

## PHOTOMETRIC DATA

### VT-20L-KFS

#### Luminaire Data

|                                |                                 |
|--------------------------------|---------------------------------|
| Description                    | 4' Vapor Tight<br>20L 35K - KFS |
| Total Lumens                   | 20,380                          |
| Input Wattage                  | 150                             |
| Efficacy (lm/W)                | 136                             |
| Spacing Criterion<br>(0-180°)  | 1.32                            |
| Spacing Criterion<br>(90-270°) | 1.28                            |

#### Zonal Lumen Summary

| Zone    | Lumens | %Fixt  |
|---------|--------|--------|
| 0-20°   | 2,470  | 12.1%  |
| 0-30°   | 5,280  | 25.9%  |
| 0-40°   | 8,691  | 42.6%  |
| 20-50°  | 9,761  | 47.9%  |
| 40-70°  | 9,147  | 44.9%  |
| 0-60°   | 15,414 | 75.6%  |
| 0-80°   | 19,327 | 94.8%  |
| 0-90°   | 19,959 | 97.9%  |
| 90-180° | 421    | 2.1%   |
| 0-180°  | 20,380 | 100.0% |

